ABSTRACT

The present invention provides a method of securely encoding and transmitting data using a template to produce an encoded text string. The encoding of the data and the arrangements of the data elements provide a two-fold level of protection and can be decoded in a useable format with the template. Furthermore there is a third level of protection with the incorporation of a check sum in the dataset. The method allows data exchange between two computer programs because of the highly compact nature of the encoded dataset.